

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	4	"97523" and rice	USPAT	2003/02/05 13:03		
2	IS&R	23	((("6274796") or ("5952553") or ("5928937") or ("5859348") or ("5853973") or ("5773704") or ("5773703") or ("5773702") or ("5731180") or ("5767366") or ("5767361") or ("5718079") or ("5633437") or ("5605011") or ("5331107") or ("5304732") or ("5084082") or ("5013659") or ("4774381") or ("4443971"))).PN.	USPAT	2003/02/05 10:12		
3	IS&R	1	("RE 35661").PN.	USPAT	2003/02/05 10:12		

File copy  
09/934,973

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:429087 CAPLUS  
 DN 137:17129  
 TI Rice acetolactate synthase mutant with resistance to  
 pyrimidinyl carboxy herbicides  
 IN Shimizu, Tsutomu; Nakayama, Ishizue; Nagayama, Kozo; Fukuda, Atsunori;  
 Tanaka, Yoshiyuki; Kaku, Koichiro  
 PA Kumiai Chemical Industry Co., Ltd., Japan; National Institute of  
 Agrobiological Sciences  
 SO PCT Int. Appl., 96 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002044385	A1	20020606	WO 2001-JP10014	20011116
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	AU 2002014303	A5	20020611	AU 2002-14303	20011116
PRAI	JP 2000-362630	A	20001129		
	WO 2001-JP10014	W	20011116		
RE.CNT 4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2002:745161 CAPLUS  
 DN 137:275010  
 TI Acetolactate synthase gene polymorphism as marker for resistance to  
 pyrimidinyl carboxy herbicides  
 IN Kaku, Koichiro; Shimizu, Isamu; Nagayama, Kozo  
 PA Kumiai Chemical Industry Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 15 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002281983	A2	20021002	JP 2001-95456	20010329
PRAI	JP 2001-95456		20010329		

L3 ANSWER 3 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2001:481192 BIOSIS  
 DN PREV200100481192  
 TI Herbicide resistant rice.  
 AU Croughan, Timothy P. (1)  
 CS (1) Crowley, LA USA  
 ASSIGNEE: Board of Supervisors of Louisiana State University and  
 Agricultural and Mechanical College  
 PI US 6274796 August 14, 2001  
 SO Official Gazette of the United States Patent and Trademark Office Patents,  
 (Aug. 14, 2001) Vol. 1249, No. 2, pp. No Pagination. e-file.  
 ISSN: 0098-1133.  
 DT Patent  
 LA English

L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:833539 CAPLUS  
 DN 135:367764  
 TI Herbicide-resistant acetohydroxyacid synthase cDNA and method for

controlling weeds using transgenic plants expressing this cDNA  
IN Croughan, Timothy P.  
PA Board of Supervisors of Louisiana State University and Agricultural and  
Mechanical College, USA  
SO PCT Int. Appl., 157 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001085970	A2	20011115	WO 2001-US15072	20010509
	WO 2001085970	A3	20020711		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,  
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,  
UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-203434P P 20000510

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:816369 CAPLUS  
DN 135:329353

TI Use of the maize x112 mutant ahas 2 gene to confer  
imidazolinone resistance in transgenic maize, rice and wheat  
plants

IN Peng, Jianying; Hirayama, Lynne; Locketto, Christian  
PA American Cyanamid Company, USA  
SO PCT Int. Appl., 51 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001082685	A1	20011108	WO 2001-US13650	20010427

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-200658P P 20000428

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:65629 CAPLUS  
DN 132:344407

TI Resistance to acetolactate synthase (ALS) inhibitors in the  
United States. History, occurrence, detection, and management  
AU Shaner, Dale L.

CS American Cyanamid Co., P. O. Box 400, Princeton, NJ 08543-0400, USA  
SO Zasso Kenkyu (1999), 44(4), 405-411  
CODEN: ZASKAN; ISSN: 0372-798X

PB Nippon Zasso Gakkai  
DT Journal; General Review  
LA English

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:740299 CAPLUS  
DN 128:967

TI Construction of **rice** resistant to herbicides effective against  
 red **rice**  
 IN Croughan, Timothy P.  
 PA Board of Supervisors of Louisiana State University and Agricultural and  
 Mech, USA; Croughan, Timothy P.  
 SO PCT Int. Appl., 37 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9741218	A1	19971106	WO 1997-US7092	19970428
	W: AU, BR, CN, CU, ES, JP, KP, KR, LK, MX, US, VN				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9729931	A1	19971119	AU 1997-29931	19970428
	AU 726895	B2	20001123		
	EP 914420	A1	19990512	EP 1997-924529	19970428
	R: ES, GR, IT, PT				
	CN 1230221	A	19990929	CN 1997-195168	19970428
	BR 9708839	A	20000104	BR 1997-8839	19970428
	JP 2000500659	T2	20000125	JP 1997-539117	19970428
	US 5952553	A	19990914	US 1998-29109	19980218
	US 6274796	B1	20010814	US 1999-351889	19990713
PRAI	US 1996-639793	A2	19960429		
	WO 1997-US7092	W	19970428		
	US 1999-29109	A1	19990201		

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS  
 AN 1997:767697 CAPLUS  
 DN 128:31381  
 TI Herbicide-resistant weeds in Europe: agricultural, physiological and  
 biochemical aspects  
 AU De Prado, R.; Lopez-Martinez, N.; Gimenez-Espinosa, R.  
 CS Departamento Quimica Agricola y Edafologia, E. T. S. I. A.M., Universidad  
 de Cordoba, Cordoba, 14080, Spain  
 SO Weed and Crop Resistance to Herbicides (1997), 17-27. Editor(s): De  
 Prado, Rafael; Jorrin, J.; Garcia-Torres, L. Publisher: Kluwer, Dordrecht,  
 Neth.  
 CODEN: 65KEA3  
 DT Conference; General Review  
 LA English

L3 ANSWER 9 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 1  
 AN 1994:170208 BIOSIS  
 DN PREV199497183208  
 TI The use of the Emu promoter with antibiotic and herbicide resistance genes  
 for the selection of transgenic wheat callus and **rice** plants.  
 AU Chamberlain, D. A. (1); Brettell, R. I. S.; Last, D. I.; Witrzens, B.;  
 McElroy, D.; Dolferus, R.; Dennis, E. S.  
 CS (1) Cent. Mol. Biotechnol., Queensl. Univ. Technol., 2 George St.,  
 Brisbane, QLD 4001 Australia  
 SO Australian Journal of Plant Physiology, (1994) Vol. 21, No. 1, pp. 95-112.  
 ISSN: 0310-7841.  
 DT Article  
 LA English

L3 ANSWER 10 OF 10 AGRICOLA DUPLICATE 2  
 AN 94:4471 AGRICOLA  
 DN IND20363394  
 TI A sulfonylurea herbicide resistance gene from Arab idopsis thaliana as a  
 new selectable marker for producti on of fertile transgenic **rice**  
 plants.  
 AU Li, Z.; Hayashimoto, A.; Murai, N.  
 AV DNAL (450 P692)  
 SO Plant physiology, Oct 1992. Vol. 100, No. 2. p. 662-668  
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
 CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references  
CY Maryland; United States  
DT Article; Conference  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

=> s 93AS3510 and rice  
L4 1 93AS3510 AND RICE

=> d

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:780933 CAPLUS  
DN 137:347849  
TI Control of red rice (*Oryza sativa*) in imidazolinone-tolerant  
rice (*O. sativa*)  
AU Steele, Gregory L.; Chandler, James M.; McCauley, Garry N.  
CS Department of Soil and Crop Science, Texas A&M University, College  
Station, TX, 77843-2474, USA  
SO Weed Technology (2002), 16(3), 627-630  
CODEN: WETEE9; ISSN: 0890-037X  
PB Weed Science Society of America  
DT Journal  
LA English  
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s M3510 and rice  
L5 0 M3510 AND RICE

=> d his

(FILE 'HOME' ENTERED AT 12:58:02 ON 05 FEB 2003)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:58:09 ON 05 FEB 2003

L1 70 S (ALS OR AHAS) AND RICE  
L2 13 S L1 AND MUTA#####  
L3 10 DUP REM L2 (3 DUPLICATES REMOVED)  
L4 1 S 93AS3510 AND RICE  
L5 0 S M3510 AND RICE